

The Complete Japanese Joinery By Yasua Nakahara

Advances in the materials and the digitalization of architecture bring about new methods in design and construction. Whereas traditional timber construction consists of pre-cut and pre-assembled timber sections, modern timber buildings today consist of elaborate wood-based materials. Owing to their flexibility and good properties in terms of building physics and ecology, these wood-based materials are ideal for computer-aided building component production. Fifteen case examples from research, teaching, and practical applications provide inspiring insights into the potential of formable wood-based materials and digital design: Woven Wood, Wood Foam, Living Wood and Organic Joints, Timber Joints for Robotic Building Processes, Efficiencies of Wood, Designing with Tree Form.

This hardcover book with internal spiral binding is 6.5in x 8in, a perfect size for carpenters and woodworkers to keep near their workbench or toolbox for quick access. The design of this book allows it to lay open flat, which allows for easy and frequent reference, and the interior photographs, illustrations and diagrams, make the learning process simple and fun for beginners, and provides useful tips for more advanced readers. The Joint Book contains easy-to-follow step-by-step instructions for creating edge and scarf joints, lapped and housed joints, mortise and tenon joints, miters and bevels, dovetails, dowels and biscuits, and provides detailed descriptions of fasteners, hardware, and knockdown joints. This book is the perfect companion for any woodworker interested in improving their joint-making skills.

The construction of shoji - Japanese sliding doors and screens - requires great skill and attention to detail. However the task is within the reach of amateur woodworkers. Toshio Odate provides the necessary guidance and skills needed to tackle this traditional craft with confidence.

A powerful way to construct Japanese joints using simple tools Are you a weekend hobby carpenter with a passion for creating high-quality pieces, but not quite the equipment or budget to match? Do you want to apply Japanese ingenuity of design to everyday furniture and give them a special character? Japanese joinery is an ancient carpentry skill developed in a time before mass production, when ingenuity and character of design still mattered. Now, you can revive this ancient art and introduce it to your own carpentry designs. The tools used inside this book are likely sitting in your toolbox right now, and if they aren't, they are definitely affordable for everyone. Note: This book has 2 parts: Part 1: Beginner's Guide to Japanese Joinery: Make Japanese Joints in 8 Steps With Minimal Tools Part 2: Intermediate Guide to Japanese Joinery: The Secret to Making Complex Japanese Joints and Furniture Using Affordable Tools Inside this book you'll discover: How to make your first Japanese joint in 8 steps 16 traditional joints and 7 furniture projects that take you from beginner to intermediate level Japanese craftsman The #1 Japanese wood you should use to

make joints The top 5 tools you need to get started with Japanese joinery The top tools required to fashion complex Japanese joints and their usefulness in recording studios and earthquake-prone areas The innovation behind metal-free joints that are necessary for areas where high-powered magnets exist including nuclear medicine or particle physics labs Joints that don't need specialized tools Here are the answers to some questions you might have about this book: Q: I'm just a woodworker with a wood shop in my garage, and I don't want to splurge on expensive tools just for making Japanese joints. Can I still make the joints given inside your book? A: Absolutely, this book is designed for the weekend woodworker and enthusiast! While we still recommend a few tools that are cheap but absolutely key when making Japanese joints, we have omitted the joints that require expensive tools from this guide. There also certain joints that don't require any specialized tools. So, you don't need to spend extra if you don't really want to. Q: Can Japanese joints really improve regular objects (like chairs and other furniture) that I already know how to make? A: Yes. The special characteristics of Japanese joints are diverse. Their utility can be found in making flexible yet strong houses in earthquake-prone Japan. They are also useful in building recording-studios where sound-transmission must be minimized. The addition of Japanese joints in your own designs will incorporate one or more of these characteristics to your furniture. We also have short guide on adapting these joints into your own designs, so you never get lost trying to make sense of it all. Q: Are the pictures in your book color or b/w? A: The pictures inside this book are b/w and meant to show clearly the intricacies of the joints. Every day you delay is another day you miss the opportunity to use this magnificent Japanese craft to make your woodworking projects a notch above everything else. Take action now. Scroll up and click the 'Add to Cart' button, to receive this book at your doorstep!

A complete guide to the tools used by a shokunin, or master Japanese craftsman, for both beginning woodworkers and professionals.

"Much admired for it's purity of form and its harmony with the natural environment, the Japanese house is one of the classic forms of residential architecture. The Japanese house reveals the unique style of domestic architecture and interior aesthetics that is native to Japan: the beautifully simple proportions based on the measure of the tatami mat, the fluid floor plan with its movable screens to divide and expand space, and the use of ceramics, textiles and nature itself to enhance the home environment. These elements and more are explored through thirteen of the most inspiring houses in Japan" -- COVER. Expert advice from start to finish The definitive guide to building the most popular exterior construction project there is, Building a Deck walks you through the entire process of creating a quality, custom deck: from the planning stages, through construction, to the custom details that can make your deck one of a kind. This is pro-level information carefully explained and presented so that a serious do-it-yourself can tackle building a deck with confidence. In this edition of

Taunton's Build Like a Pro series, home builder and carpenter Scott Schuttner shares his tried-and-true techniques as well as a host of alternative methods, all in step-by-step detail, to create a clear and thorough resource for serious do-it-yourselfers and professionals alike. This book will bring you: * valuable advice on the practical side of building and design issues that will save you time and money * in-depth information on the trickier parts of the construction process, such as building foundations in severe climates, special structural considerations, and customizing the deck * professional tips and trade secrets for nearly every step of the process About the author Scott Schuttner is a home builder and carpenter in Fairbanks, Alaska. He is a frequent contributor to Fine Homebuilding magazine and is the author of Basic Stairbuilding and Building and Designing Decks, both published by The Taunton Press.

Discover why this traditional tool has a home in your modern workshop, with step-by-step instructions, full-color photos, detailed illustrations, and clear diagrams. Learn how to choose, set up, maintain, and use Japanese handplanes to achieve stunning results.

Tells how to use and care for Japanese woodworking tools, shows how to create traditional Japanese joints, and looks at the techniques used to frame a house

Supplies guidance on the use of Japanese wood construction techniques in making joints, framing roofs, installing floors, and finishing eave ends

If you want to make Japanese joints, without spending money on expensive tools then read on... Are you a weekend carpenter that wants to make traditional Japanese joints? Do you want to apply Japanese ingenuity of design to everyday furniture and give them a special character? Do you want to do so without spending a lot of time or money? For centuries before the invention of screws and fasteners, Japanese craftsmen used complex, interlocking joints to connect pieces of wood for structures and beams, helping to create a unique Japanese aesthetic that can still be seen in the works of modern masters like Shigeru Ban. Up until recent times, however, these techniques were often the carefully guarded secrets of family carpentry guilds and unavailable for public knowledge. Let this book teach you the secrets from an era when craftsmanship mattered, prior to the industrial revolution and mass production of "things". Inside this book you'll discover: How to make your own Japanese joints in 8 steps The #1 Japanese wood you should use to make joints The top 5 tools you need to get started with most Japanese joints The secret behind how Japanese joinery is used to construct buildings that have stood for hundreds of years 8 Traditional joints and 3 beginner friendly projects Here are the answers to some questions you might have about this book: Q: I'm just a woodworker with a wood shop in my garage, and I don't want to splurge on expensive tools just for making Japanese joints. Can I still make the joints given inside your book? A: Absolutely, this book is designed for the weekend woodworker and enthusiast! While we still recommend a few tools that are cheap but absolutely key when making Japanese joints, we have omitted the joints that require any type of expensive tools from this guide. There are also certain joints that don't require any specialized tools. So, you don't need to spend extra if you don't really want to. Q: Can Japanese joints really improve regular objects (like chairs and other furniture) that I already know how to make? A: Yes. The special characteristics of Japanese joints are

diverse. Their utility can be found in making flexible yet strong houses in earthquake-prone Japan. They are also useful in building recording-studios where sound-transmission through joist-conduction must be minimized. There also certain joints that don't even need nails to make! The addition of japanese joints in your own designs will incorporate one or more of these characteristics to your furniture. We also have short guide on adapting these joints into your own designs, so you never get lost trying to make sense of it all. Q: Are the pictures in your book color or b/w? A: The pictures inside this book are b/w, meant to show clearly the intricacies of the joints. Every day that you delay is another day you miss the opportunity to use this magnificent japanese craft to make your woodworking projects a notch above everything else. Take action now. Scroll up and click the 'Buy Now' button, to receive this book at your doorstep! Are you a weekend hobby carpenter with a passion for creating high-quality pieces, but not quite the equipment budget to match? Would you like to know how to create Japanese joints using common tools? Japanese joinery is an ancient carpentry skill developed in a time before mass production when ingenuity and character of design still mattered. Now, you can revive this ancient art and introduce it to your own carpentry designs. Whether you are making a living off your carpentry, or simply performing a labor of love in your garage on weekends, there is nothing holding you back from using the Intermediate Guide to Japanese Joinery to introduce this art to your wood designs. The tools used are likely sitting in your toolbox right now, and if they aren't, they are definitely affordable for everyone. Japanese joinery is not just about trying something new in your designs. The skill actually improves the design of ordinary objects with special characteristics that are not found in any other method of joining. These include earthquake-proofing furniture as well as improved sound conduction for studios or recording booths. If you have been wanting to take your carpentry to the next level, Japanese joinery is the way to do exactly that. All you need is this helpful guide and your existing tools to get started right away. The Intermediate Guide to Japanese Joinery provides some joining methods that don't even use any nails! The opportunities to use that skill and incorporate these unique joints into your own designs are endless. Japanese joinery has been used for hundreds of years to build structures that stand the test of time as well as almost everything that Mother Nature can throw at them. Inside the Intermediate Guide to Japanese Joinery, you will discover: Eight traditional Japanese joints and projects along with the specifications required to build them How to select the correct types of wood for these joints as well as the reasons these wood types are ideal The top tools required to fashion Japanese joints and their usefulness in recording studios and earthquake-prone areas The innovation behind metal-free joints that are necessary for areas where high-powered magnets exist including nuclear medicine or particle physics labs The specialized characteristics behind Japanese joinery and why, in certain cases, no other type of joint will do And so much more helpful and practical advice! Easy-to-understand black and white illustrations will bring instructions to life and ensure that you always know exactly what you should be doing. Japanese joinery is the most affordable and easiest way to level-up your carpentry work and start producing unique pieces that are stronger and more beautiful than ever before. There is a reason that Japanese carpentry is one of the most revered in the world, and you are about to find out why. Don't delay learning this ancient craft and get started on your Japanese joinery journey right now by clicking the "Buy now with

1-Click" button!

This practical and comprehensive handbook presents detailed instructions for making 20 essential hand tools for joinery and general woodworking at all skill levels.

From making the first cut to applying the finish, this comprehensive resource covers every aspect of woodcarving. Everything is here for the beginning or advanced woodcarver, from choosing the appropriate wood; setting up a shop, selecting, using, and sharpening tools; and performing all the fundamental techniques, such as the push cut, pull cut, stop cut, and slicing cut. Every general carving style -- from classical to whimsical to rustic -- are detailed, as are the basic steps of power carving. Eight step-by-step projects designed to help newer woodcarvers build proficiency are included along with the plans for the rocking horse featured on the cover. Best of all, a handy resource section and a glossary round out this fully illustrated, must-have resource for all woodcarvers.

Encompassing all facets of the woodworking craft, this detailed handbook ranges from a history of woodworking, to a discussion of the principles of design, to instruction in tools, materials, and techniques.

"If I only bought one woodwork book, this first and definitive book on the workbench would be it".--"Woodworker Magazine". 278 color photos. 185 drawings.

Get started on your woodwork practice with this ultimate guide to essential carpentry skills, techniques, tools, tips, and tricks. Complete and easy directions for key skills, from simple joinery techniques to more involved woodworking projects, with clear helpful photographs. Key carpentry skills, from simple joinery techniques to fine woodworking projects, through clear, step-by-step instructions and photographs. New carpenters will learn about the essential tools needed and the principles of basic design and practice crucial techniques like wood joints, finishing, woodturning, and furniture restoration. Experienced crafters will enjoy enhancing their skills and learning something new. We'll make sure you choose the right wood for the job and find more than 100 hard and softwoods, plus their properties, in our handy directory. Put your skills into practice with 28 DIY woodworking projects. This carpentry book will show you how to create home accessories, furnishings, outdoor projects, workshop projects, and more. This reference book provides all the information you need to become a master carpenter and have a houseful of fine furnishings to show for the effort! Everything You Need to Know About Woodworking Woodworking is a complete illustrated carpentry course with comprehensive and extensive photos to show you how to become a craftsman. You'll have all the information you need to start your projects right away with simple step-by-step instructions. It also makes a fantastic gift for hobby carpenters. Inside, you'll discover: - Tools: Understand how to use hand, power, and machine tools, and choose the right wood for every job. - Techniques: Follow clear, step-by-step instructions to master all key woodworking techniques. - Projects: Put your skills into practice to create well-crafted and practical objects, from a wine rack to a chest of drawers.

The latest edition in a series of woodworking reference books provides comprehensive coverage of woodworking fundamentals, including 1,200 easy-to-follow photographs and drawings. 12,500 first printing.

More than 40 fabulous projects and 1,200 step-by-step illustrations offer users information they need to become master woodworkers.

This text shows how to use Japanese tools effectively and maintain them properly, and explains the role they play in traditional Japanese craftsmanship. It describes how to create razor-sharp cutting edges and introduces almost 50 different planes.

This biography of Xenia, sister of Nicholas II gives a new angle on the Romanov story and provides new information on relationships within the family after the Revolution. Important new letters and photographs are also included.

A remarkable classic work on traditional Japanese architecture and its general integrative quality, the order of space and form, the flexibility of partitions and room functions and other important or unique qualities. The author describes in detail, and with numerous architectural plans and drawings, the influence of the anatomy of the Japanese human body on traditional units of measurement and on house construction. This work is not simply a description of the features of the Japanese house, but "an invitation to probe the possibilities of utilizing this architectural achievement of the Japanese ...in modern living and building," according to the author, who further believes that the unique features of the Japanese house are better suited to serve as a pattern for contemporary housing than any other form of residential structure.

Surveys twenty-five masterpieces produced by the firm

Joint-making – a top priority for woodworkers! Woodworkers have plenty to cheer about with *The Complete Guide to Joint-Making*. This comprehensive and practical book demystifies the all-important subject of choosing, designing, and cutting woodworking joints. It's packed with insightful information and tricks of the trade that will advance the work of novices and seasoned craftsmen alike. The litmus test for woodworkers.

Strong, appropriate, and well-fitting joints are one of the hallmarks of the skilled woodworker. Making them properly requires intelligent planning, accurate layout, and a sufficient degree of care in cutting, fitting, and final assembly. A methodical approach that pays off. That's the approach author John Bullar pursues in this essential guide. He walks readers through choosing the appropriate joint for its intended purpose and continues methodically through constructing and finally assembling the finished pieces. He also covers lumber selection, tools, and adhesives, and offers recommendations for the working methods and habits that are needed to achieve consistently good results.

Techniques for hand tools and machines. *The Complete Guide to Joint-Making* explains in detail the traditional hand techniques that are the foundation of woodworking. Plus, the section on machine-made joints covers every power tool needed for joints, including how to get the best results from a biscuit joiner, a router, and other power tools.

Shows and describes splicing, oblique, corner, cross, and edge joints used in Japanese wooden construction

Describes in detail the design and construction of a traditional Japanese house in California, revealing how the aesthetic principles of Japanese architecture--including clean lines, intricate joinery, and expert woodworking--can be adapted to such Western needs as central heating, computerized lighting systems, furnishings, insulation, and electronics. Architects & Designers Book Club.

Filled with an abundance of step-by-step color photos, an authoritative resource for making every practical woodworking joint features visual maps, in-depth visual content, tips, and techniques for all skill levels.

Discusses the genesis and functions of Japanese joinery in addition to illustrating and describing the techniques for constructing forty-eight tsugite, splicing joints, and

shiguchi, connecting joints

"There would be no trees without branches, and there would be no furniture without joints." The one which binds together has always been special across cultures. Wood joinery has also evolved across various schools of woodworking in their unique ways. For example, in Japanese joinery, the whole wooden house was built on the strength of joinery. Joinery is used for both connecting the wood and also enhancing the aesthetics of the final product. My Journey: Back in the days when I was starting with Wood Craft, I was desperately looking for the go-to guide about the processes and the tools involved. Woodworking is a vast subject with many branches or verticals of this craft like Cabinet Making, Wood Carving, Joinery, Carpentry, and Woodturning. The online content was information overload and not presented in a sequential manner. The books I referred were either focused on a few processes or assumed that I had the necessary information. Also, I found that most of the books were a little aged. There are two ways of learning; one is learning from subject matter experts who have years of experience, and then there are people who are just a few steps ahead of you in their journey. I am the second one, five years into this hobby, and still learning from the experts. I still remember the initial doubts I had and the tips which helped me. This book comes after Woodworking for Beginners Handbook, and it focusses entirely on the joinery process. This book is for people who are in their first lap (0-3 years) of the wood-crafting journey and want to have a holistic idea of methods, tools and need help in their initial projects. I have included ample photographs of realistic projects of beginners explaining the process and standard operating procedure while starting. In the last chapter, I have provided a glossary of joinery terms and tips for beginners. Below is the flow of the information provided in the book: Introduction to Joinery Joinery tools: Type of tools and how to use them Detailed discussion on 15 types of joinery:

advantage,disadvantage,strength,usage etc. Japanese Joinery: Introduction, types, pros, cons, and application CNC wood joinery: Introduction, various kinds of CNC joinery, Five starter joinery projects with step by step instructions Glossary of joinery terms Tips for beginners So, what are you waiting for? As said in the woodworking community: Measure Twice and Cut Once and let's start the journey.

Briefly traces the history of Japan's traditional farmhouses, shows a variety of regional styles, and looks at the structure, layout and construction of these homes

This is the story of the author's apprenticeships with Japanese masters to build five unique and endangered traditional boats. It is part ethnography, part instruction, and part the personal story of a wooden boatbuilder fueled by a passion to preserve a craft tradition on the brink of extinction. Over the course of 17 trips to Japan, Douglas Brooks traveled over 30,000 miles to seek out and interview Japan's elderly master boatbuilders; he built boats with five of them, all in their seventies and eighties, between 1996 and 2010. For most of them, Brooks was their sole and last apprentice. Part I introduces significant aspects of traditional Japanese boatbuilding: design, workshop and tools, wood and materials, joinery and fastenings, propulsion, ceremonies, and the apprenticeship system. Part II details each of his five apprenticeships, concluding with a poignant chapter on Japan's sole remaining traditional shipwright. This fascinating book fills a large and long-standing gap in the literature on Japanese crafts, and will be of interest to boatbuilders, woodworkers, and all those impressed with the marvels of Japanese design and workmanship.

Japan is known to be a country of wood and "wood culture". Written sources on the practical aspect of traditional woodcraft, however, are scarce. For this reason it was decided to undertake a study based on in-depth interviews of craftsmen who are specialised in various fields of traditional woodworking. From the data thus obtained it was possible to study the materials used, the techniques, the nomenclature, the aesthetics and the culture prevailing in the various fields of woodcraft. As a result both the technical and the symbolic and aesthetic properties of wood and woodworking become apparent, as seen from the point of view of Japanese craftsmen who owe their skill and expertise to traditions passed from one generation to the next. As such, this study contributes towards opening a new field of research for art historians, ethnobotanists, archaeologists and japanologists by supplying them with new means and tools to supplement their own. Apart from that, the present study, focusing on wood in all its aspects as it does, ties in with an academic trend that has been developing in Japan over the past few decades.

Discover How to Master the Timeless Art of Japanese Woodworking without Spending Tons of Time and Money on Tools and Equipment Are you a DIY hobbyist looking for a new hobby to learn and pass away time? Do you want to learn how to make aesthetic, but structurally strong woodworking techniques? Do you want to give your home a touch of the Japanese exotic without having to leave the bedroom? If your answer is yes to any of the questions above, then this book is perfect for you. In this definitive book on Japanese woodworking, you'll discover a methodical, beginner-friendly approach to mastering Japanese woodworking without being an apprentice for years, from choosing the right tools to mastering the foundational techniques for creating beautiful and strong joints. Here's a snippet of what you're going to discover in the pages of Japanese Woodworking: Everything you need to know about the origin and history of the beautiful art of Japanese woodworking Four reasons every hobbyist or serious craftsman should consider adding Japanese woodworking to their skillset A complete list of all the tools and equipment you'll ever need and how to use them to make Japanese woodworking a breeze. No expensive machines required How to pick the perfect sharpening stone for keeping your cutting edges and blades as sharp as possible The different types of wood for Japanese woodworking and a crash guide to picking the perfect wood specimen for your needs and getting it ready for woodworking Step-by-step instructions to help you master the art of Japanese joinery from making simple joints to more advanced woodworking tactics ...and much more! Whether you're a complete newbie looking for a new hobby or a serious professional who knows woodworking techniques and is looking for a new one, this book has content that will surprise even the most experienced of wood crafters and is beginner-friendly enough to follow along! Ready to lose yourself in the art of Japanese woodworking? Scroll to the top of the page and click the "Buy Now with 1-Click" to grab your own copy today!

"Horyu-ji temple was first erected in the 7th century and has come down to us today in the magnificent form it achieved in 711, over 1,300 years ago. It has given lie to the common misconception that wood is destined to quickly rot and decay, and has demonstrated the enduring value of wood, not to mention the fact that the temple has been designated a World Heritage Site as the earth's oldest wooden structure. Here Tsunekazu Nishioka, the master carpenter who undertook the repair of this monumental structure in the mid 20th century, shares the insights and knowledge he gained from that experience. To make Nishioka's words and observations more easily understood by later generations, Jiro Kohara has buttressed them with scientific experiments and commentary, bringing into sharp view Hory-ji's long-concealed mysteries and secrets. The result is a revealing picture of Japan's immemorial love of trees and wood, a broad-ranging introduction to the country's wood culture." from back cover.

